SAVANCE WORKPLACE

Galaxy Integration Setup Guide

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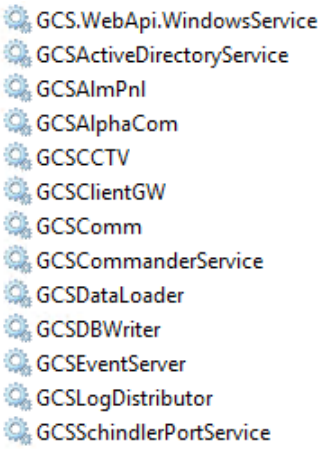
Overview

This is a basic guide to the setup and troubleshooting of setting up your Galaxy Integration for Savance Workplace. It will show you where to get some of the information you need to input, as well as explanations concerning what each setting does, and how you should configure them.

Running the Galaxy API

The System Galaxy API allows Workplace to ask Galaxy for information on your cardholders, badges, readers, and more. Make sure that the following services are installed and running, GCS.WebApi.WindowsService is responsible for making API calls to the Galaxy server.



Ensure you know the following information to connect Workplace to the Galaxy API.

- The Galaxy Server URI
- The time zone in which you are configuring your API

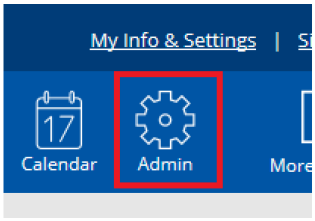
If you do not know it, you can get your Galaxy Server URI by going to ‘Configure’->’Client Gateway’ and checking the Web Services URL. With that information at hand, you can now begin to create and configure the System Galaxy API

Creating the Integration

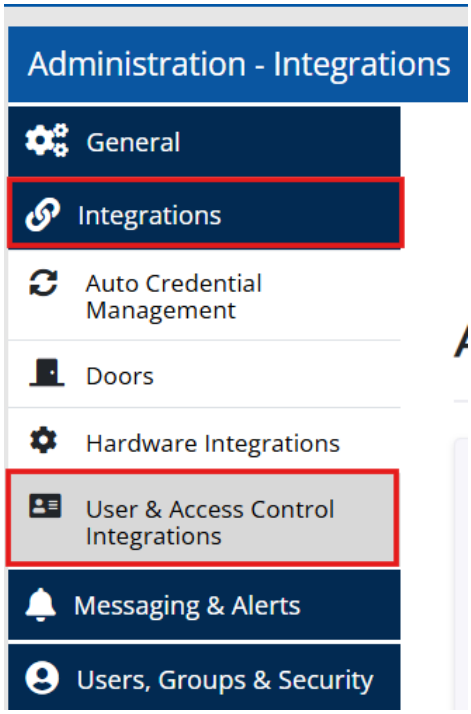
Log into your Savance Workplace In/Out Board web account, at cloud.savanceworkplace.com

IF you are using an On-Premise Version, please navigate to https://YourServerNameOrIP in any web-browser (configured during the On-Prem Installer IIS prompts).

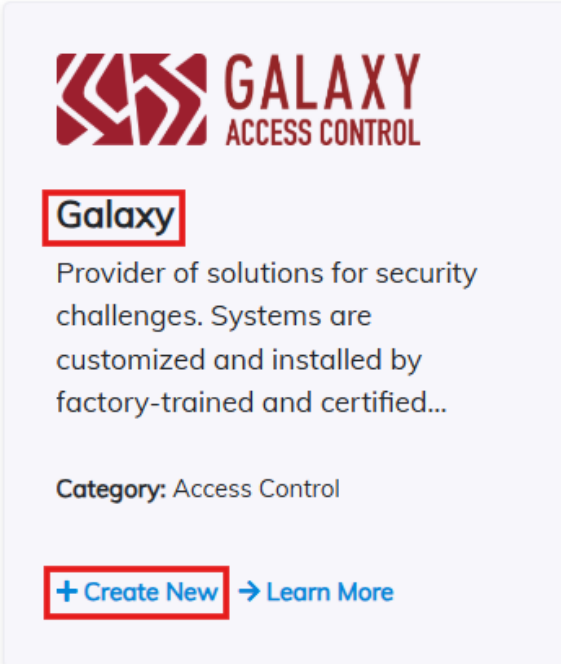
Click **Admin** in the top right of the webpage



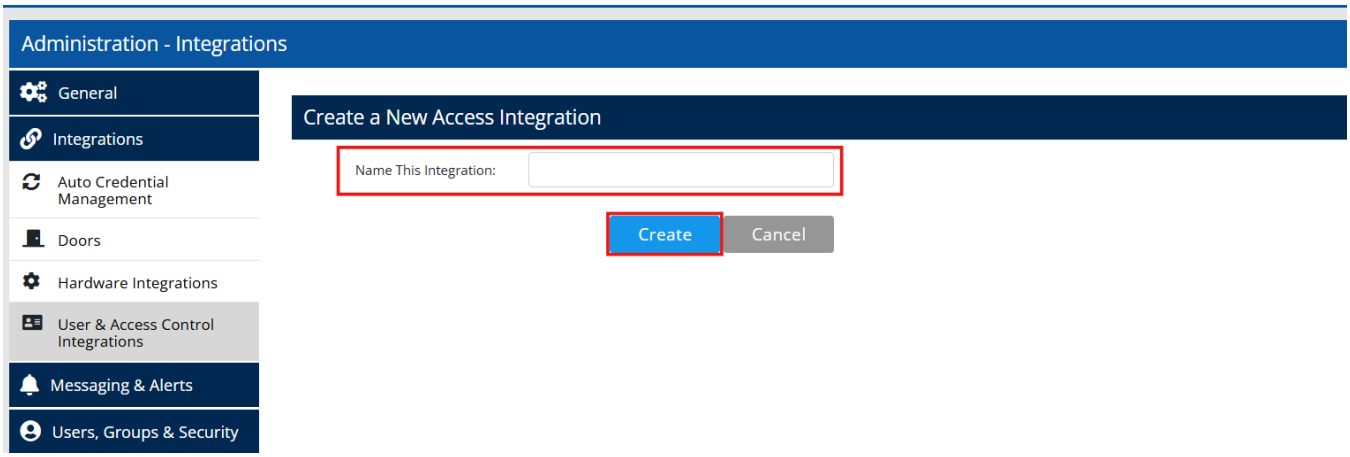
Click on **Integrations** and select **User & Access Control Integrations** from the drop-down menu



Scroll down to the **Galaxy** Integration box and click on the + Create New button



From the drop-down menu, select **Galaxy** as your provider. Give your integration a name to remember it by, then click **Create.**



Your new integration has now been created. You'll notice that the integration's ID is located just beneath its name. This is the ID you'll use to configure the connector.

Configuring the Integration

Under the Integration Settings header, you'll notice all the settings you can configure:

Integration Enabled:

If this is set to **No**, the connector and integration will not be active
This should be set to **Yes**, which is the default.

Galaxy Server URI:

https://[IP Address]:[Port]/
IP Address: the network location of the machine that runs the Galaxy service.
Port: the network port on which it is configured to run.
For example: https://192.168.82.205:8000/ The trailing slash is optional

Event Subscription URI:

https://[EIOBoardWeb URI]/InboundEventListener.ashx?IntegrationId={IntegrationId}
URL of the Workplace's Inbound event listener listening to the events (belonging to the integration specified by IntegrationId) forwarded by the Galaxy connector. If the WorkplaceWeb is located under Virtual directory then you have to add virtual directory name like in the below example,
For example:
https://www.eioboard.com/EIOBoard/InboundEventListener.ashx?IntegrationId={integrationId}

Polling Only:

If this setting is enabled, instead of card swipes and other events instantly being sent to Workplace, the connector will check with the Galaxy every so often to see if any new events have occurred. You can set this time interval using the setting Polling Interval.

Polling Interval (seconds):

The time in between event polls, as described above.

Sync User Interval (minutes):

The time between each UserSync that the connector executes to check for new Galaxy cardholders.

Sync Door Interval (minutes):

The time between each DoorSync that the connector executes to check for new Galaxy readers.
Note: Sync Doors on Event Activity makes it so when an event is received by the Connector, if it doesn't recognize the door it will create a new one.

- Sync Door Interval, if it's greater than 0, will sync all doors every X number of minutes, so in this case it's syncing doors every hour.
- If you want to disable automatic door sync altogether, Sync Doors On Event has to be off and Sync Door Interval needs to be 0.

Default User Password:

When a user is synced from Galaxy into Workplace, they are assigned a username and password. This is the default password that any synced users are assigned. A user's password can be changed from the default at any time by right-clicking on a user, selecting **Administer User**, and then typing a new password in the password and confirm password box.

Default Door Status:

When a new card reader is synced through the integration (or by scanning a card on it), this is the status that it will assign people. You can always change the status that readers assign people through the **Doors** menu in the Admin page.

Default Door Location:

When a new card reader is synced through the integration (or by scanning a card on it), this is the location where it will be marked as located. You can always change the location of the reader through the **Doors** menu in the Admin page.

Cardholder List White List

A comma-separated list of Galaxy Access Levels (groups in Workplace). Only users in these groups will be synced.

Cardholder List Black List:

A comma-separated list of GalaxyAccess Levels (groups in Workplace). Users in these groups will not be synced.

Sync User Photos:

If this option is set to **Yes,** cardholders with a picture will have their photo imported into Workplace, where it can be displayed on status boards and in the web client.

Sync User Details:

If this option is set to **Yes,** the email address and credentials belonging to the Cardholder will be synced.
Notes: You must enable this option in order to sync more than one credential per user. By default, Workplace uses the custom field *Data1* as the user's email address. You can change this using the following integration setting **"Custom Field Name For EmailID Field".**

Sync Users on Event Activity:

When the connector is running and a Galaxy cardholder without a Workplace account swipes a card, Workplace will try to automatically create a profile for the cardholder in Workplace. If this setting is set to **No,** Workplace will ignore these inputs.

Sync Door on Event Activity:

When the connector is running and an access event occurs on a card reader that has not been synced with Workplace yet, Workplace will try to automatically add the reader into Workplace. If this setting is set to **No,** Workplace will ignore these inputs.

Enable Random Credential Generation:

If this option is set to **Yes,** then Workplace will generate credential numbers in a random manner with the default credential format 26-bit Wiegand.

Random Credential Range Minimum:

The minimum range is used to create random credential numbers.

Random Credential Range Maximum:

The maximum range is used to create random credential numbers.

Random Credential Facility Code:

Facility Code which is used with random credential numbers. (this one is fixed, and will not change)

Server Time Zone:

The time zone of your panel as configured in the System Galaxy application.

Custom Field Name For EmailID Field:

Custom field name which is used to retrieve EmailID of a cardholder (It will work only If the **Sync User Details** option is set to **Yes).**

After you select and input all of the settings that you need, make sure to click Save **Settings.** If you forgot to input a required value, make sure you fix that.

BEFORE you set up the connector, make sure that the ProWatch web service API is running and you're connected to it by clicking the "Test API Call" button/

Using the Integration

Now that the integration is configured, you can begin syncing users, doors, and events as well as using the VMSuite for visitor management and badge activation.

Syncing Users

At the bottom of the page, you will see a "Sync Users" button. If you click this button, you will be walked through the steps of syncing users:

1. **Test API Connection:** Make sure the connection is successful
2. **Gather User Info:** This makes a call to the Galaxy API to see if any new users have been added or if existing users have been updated since the last sync.
3. **Select Users to Sync to Workplace:** Here, you can manually sync which users you would like to sync. New users will be added to Workplace. Existing users will be updated if their information has changed since the last sync. Nothing will be affected if you sync an existing user that hasn't been changed.
4. **Perform the Sync:** Sync the users that you selected in Step 3.

Syncing Doors

Directly below the “Sync Users” button is the “Sync Doors” button. Pressing this button will open the “Sync Results” window, verifying the success of the sync.

Managing Doors

In the “Admin” page or on the left side collapsible menu, there is a button marked “Doors.” Here, you can edit the name, ID, status, and location of each door you’ve synced from all of your integrations. Doors can be configured any way you want, but it is likely that you will want corresponding in/out doors to have the same in/out status.

Syncing Events

Once you’ve synced users and doors, you are ready to sync events. Above the user and door sync buttons, you will find a “Sync Events Between Two Dates" window. Select a start and end date for the sync and click the button to start the sync. A “Sync Events Result” window will pop up to verify the success of the sync.

Using VMSuite

Once you’ve created your integration, you are ready to use the visitor management and badge activation features. To add a new visitor:

1. Return to the Home screen and open the “Search” sidebar.
2. Near the bottom of this pane, you will see an “Add Visitor” button. Click it.
3. Fill in the visitor’s first name, last name, and company name.
4. Either choose an existing visitor from the list or click “Add as New Visitor”
5. Select a host for the user and answer the provided questions. You also have the option to upload or take a photo. Click “next” when you’re done.
6. The next page will have all the details of the visitor. If you would like to activate a badge for the visitor at this time, select this option and click “Confirm.”

At this point, the new visitor should’ve been successfully signed in. If you opted to activate a new badge, follow these instructions to get it activated:

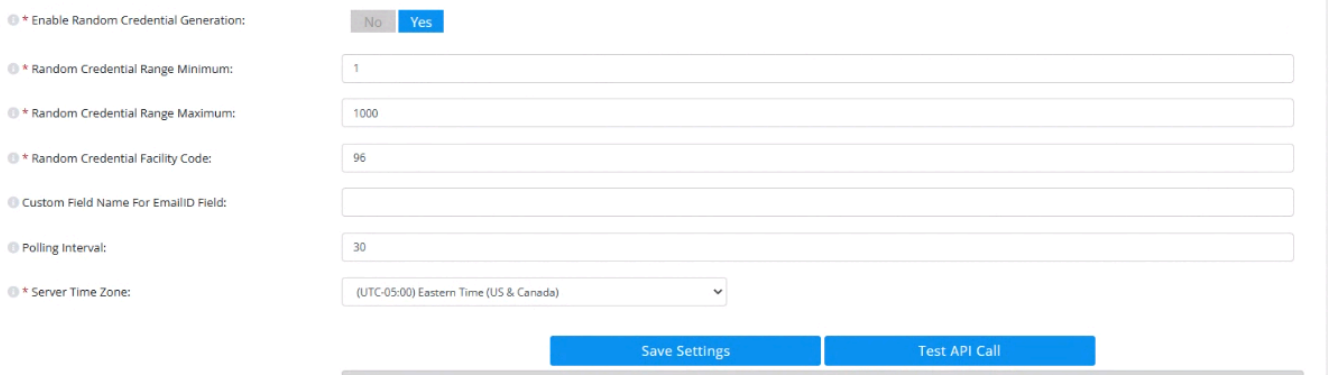
1. Select “Go” in the pane marked “Assign/Activate a Badge”
2. Enter the number of the badge you want to activate
3. Select the integration you created earlier from the dropdown menu

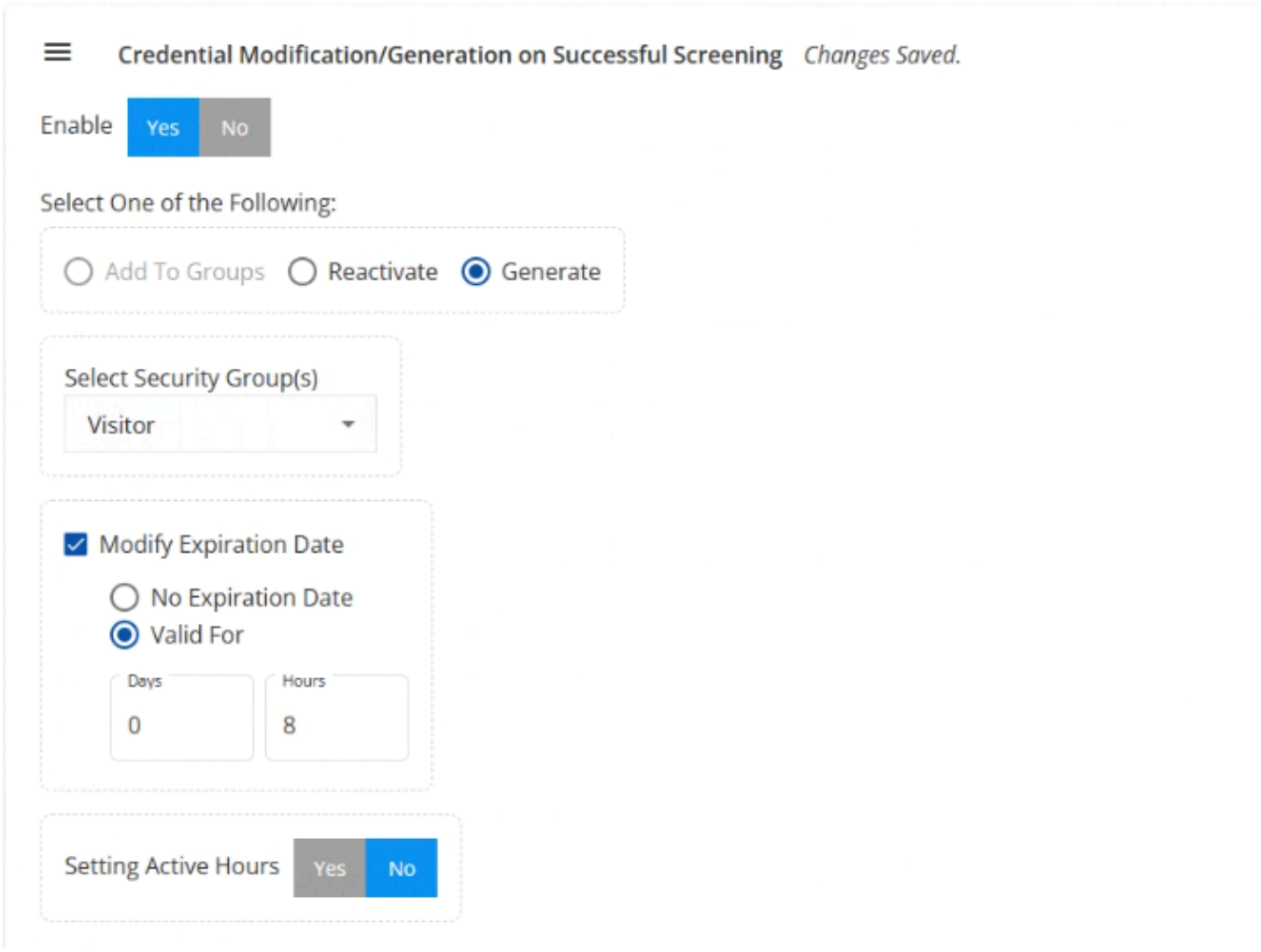
4. If you would like to add the visitor to groups, make that selection in the next dropdown menu
5. If you would like to set an expiration for the visitor's badge, make that selection in the "Valid to Date" section.
6. Review your selections and click "Go"

You should now see this visitor on the status board and in the partner system. They will have a UserID in Workplace that matches the badge number you assigned them. They should also be assigned the card number you gave them in the partner system.

Auto Credential Management

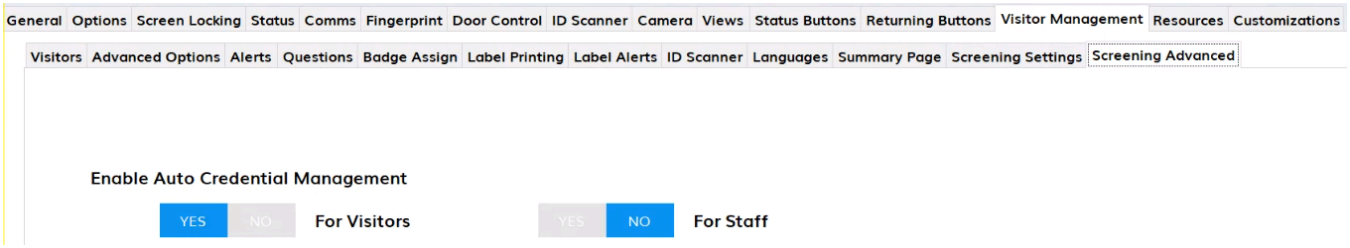
1. Set the Random Credential Range





2.

3. Turn On “Enable Auto Credential Management” in the Kiosk Under “Visitor Management”->”Screening Advanced”



Replacing DLL Files

If your DLL files are a different version than the one Galaxy needs, replace System.Net.Http.Formatting.dll (https://drive.google.com/file/d/1slqGW5dMN1eOMkxWR06PbuhDMhvBTNtq/view?usp=share_link) in C:\Program Files (x86)\Savance\Savance Workplace Server\EIOBoard\bin

Make Sure version of the DLL in C:\Program Files (x86)\Savance\Savance Workplace Server\EIOBoard\bin is 4.0

And the version in C:\Program Files (x86)\Savance\Savance Workplace Server\EIOBoard\API\bin is 5.2.6